

Oct-23-06

04:55pm

From-PILLSBURY WINTHROP SHAW PITTMAN 1WB

6502334545

T-769 P.001/007 F-922



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Comments:

Re: Applicant Initiated Interview Request Form for U.S. Patent Application Serial  
No. 10/646,525.

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T-769 P.002/007 F-922

Approved for use through 03/31/2007. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**Applicant Initiated Interview Request Form**

Application No.: 10/646,525 First Named Applicant: Meisburger, William  
 Examiner: Thomas, Brandi Art Unit: 2873 Status of Application: Final Office

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**Tentative Participants:**

(1) David Jaffer (2) John Macaulay  
 (3) Brandi Thomas (4) Alicia Harrington

OCT 23 2006

Proposed Date of Interview: October 27, 2006 Proposed Time: 2 P.M. (AM/PM)  
 Eastern Time

**Type of Interview Requested:**

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: \_\_\_\_\_

**Issues To Be Discussed**

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) Rej.	See attachment	Jain, Takahashi; Eggers		<input type="checkbox"/>	<input type="checkbox"/>
(2) Rej.	See attachment	Woods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) Rej.	See attachment		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) Premature Final Rejection - See <input type="checkbox"/> Continuation Sheet Attached		attachment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Brief Description of Arguments to be Presented:**

See attachment

An interview was conducted on the above-identified application on \_\_\_\_\_.

**NOTE:** This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

David H. Jaffer  
Applicant/Applicant's Representative Signature

\_\_\_\_\_  
Examiner/SPE Signature

David H. Jaffer  
Typed/Printed Name of Applicant or Representative

32,243

Registration Number, if applicable

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 38 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**ATTACHMENT TO  
APPLICANT INITIATED INTERVIEW REQUEST FORM  
FOR  
U.S. PATENT APPLICATION SERIAL NO. 10/646,525  
4 PAGES BEHIND THIS SHEET**

Document13



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October 5, 2006

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067173-0305340

**VIA FACSIMILE (571/273-8300)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attn.: Brandi N. Thomas, Examiner, Art Unit 2873  
Alicia Harrington, Primary Examiner, Art Unit 2873

Re: U.S. Patent Application Serial No. 10/646,525 for CONTINUOUS  
DIRECT-WRITE OPTICAL LITHOGRAPHY

Dear Commissioner:

We request a telephone interview with the Examiner and Primary Examiner for this application. We have reviewed the Office Action mailed August 21, 2006, and believe that the Examiner has not understood our previous response and erred procedurally in the Office Action. The purpose of the interview is to direct the Examiner to our previous response, which highlights the differences between the cited art and the claims in this application, to gain an understanding of why the Examiner believes those arguments do not overcome the cited art, and to address the procedural errors in the Office Action.

Please call me to arrange a convenient interview time. John Macaulay, a consultant for the owner of this application, and I will attend the telephone interview. Any time after 9 A.M. Pacific time on a Friday or after 12:30 P.M. Pacific time on a Wednesday work best for our schedules.

The reasons for requesting the interview are summarized below.

1. The Examiner has not responded to several of Applicant's arguments which traverse the previous rejection of claims.

In paragraph 9 of the Office Action dated August 21, 2006, the Examiner argues that Applicant's arguments with respect to claims 23-25, 37-44, 63-68, and 80-95 have

Commissioner for Patents  
October 5, 2006  
Page 2

been considered but are moot in view of new grounds of rejection. The Examiner is required to address any arguments presented by Applicant which are still relevant to any references being applied. See MPEP §707.07(f). The Examiner failed to address several of Applicant's arguments that are still relevant. In particular, they are the following:

- a. Applicant argued that an obviousness rejection cannot be made with Jain et al. in combination with any other reference for blurring the image. Since Jain et al. teaches away from having a blurred image at the substrate, it is improper to combine Jain et al. with a reference which refers to a blurred image at the substrate. This argument applies to the patentability of all claims currently under consideration. See Applicant's arguments for patentability of independent claim 23 in Applicant's response/amendment filed June 13, 2006.
- b. Applicant argued that the Examiner misinterpreted Takahashi et al. Applicant asserted that Takahashi et al. does not disclose a spatial light modulator and does not disclose projection optics mounted on a stage. These arguments apply to the patentability of claims 38, 39, and 94. See Applicant's arguments for patentability of independent claim 23 and dependent claims 38 and 39 in Applicant's response/amendment filed June 13, 2006.
- c. Applicant argued that the examiner misinterpreted Eggers et al. Applicant asserted that Eggers et al. discloses only a single spatial light modulator and does not disclose particular arrangements of a plurality of spatial light modulators. These arguments apply to the patentability of claims 83-88 and 90-92. See Applicant's arguments for patentability of dependent claims 83, 84, 86-88, and 90-92 in Applicant's response/amendment filed June 13, 2006.

2. Misinterpretation of newly cited art, U.S. Patent No. 6,229,649 to Woods et al.

In the Office Action dated August 21, 2006, the Examiner stated that Woods et al. discloses "imaging optics (10) configured to project a blurred image (12) of said spatial light modulator (32) on said substrate (38)." The Examiner refers to Fig. 1 of Woods et al. The Examiner has misinterpreted Woods et al. Fig. 1 of Woods et al. actually represents the following: A video camera (10) captures a blurred image (12). This video stream of blurred image (12) is fed to and displayed on SLM (32). The rest of the apparatus is designed to remove blur and distortion from the image displayed on the SLM

Commissioner for Patents

October 5, 2006

Page 3

(32), resulting in an image on an output plane (38) with reduced blur and distortions. The purpose of the invention of Woods et al. is to remove blur, aberrations and distortions from images. The SLMs (32), (22) and (22') are used, respectively, for (1) displaying the image which will be improved, (2) improving the image by phase filtering and (3) improving the image by amplitude filtering. Once again we have a reference that teaches away from blurring the image projected on to the substrate. Furthermore, Woods et al. is a patent in the field of image recovery and is not directly related to lithography. The Examiner provided no motivation for someone of ordinary skill in the art of optical lithography to look to the field of image recovery.

3. Errors in Arguments for Rejection of Claims 88, 90, 91, and 92.

At pages 10-12 of the Office Action dated August 21, 2006, the Examiner presents arguments for rejection of claims 88, 90, 91, and 92. The Examiner cites Takahashi et al. However, it appears from the beginning of the Examiner's description in numbered paragraph 6 on page 9 of the Office Action that the Examiner really means to cite Woods et al. Applicant wishes to confirm that the reference the Examiner intends to combine with Jain et al. in the rejection of these claims is Woods et al.

4. Premature Final Rejection.

The Examiner's final rejection of unamended independent claims 23 and 82, and of claims 24-35, 37-42, 80-81, 83-95 which depend on claims 23 and 82, is based on new grounds and thus is improper under Patent Office procedure. See MPEP §706.07(a). We request reconsideration of the finality of the Office Action.

The Examiner has introduced new grounds for rejecting independent claims 23 and 82, and the various dependent claims. The newly cited art is U.S. Patent No. 6,229,649 to Woods et al., which the Examiner cited for the first time in the latest Office Action. These claims are now rejected as unpatentable over Jain et al. in view of Woods et al. The Examiner clearly identifies the rejection to be on new grounds. See paragraph 9 of the Office Action dated August 21, 2006. A final rejection should not have been issued because these claims were not amended in Applicant's response to the previous Office Action, and Applicant did not submit the Woods et al. reference in an Information Disclosure Statement. See MPEP §706.07(a).

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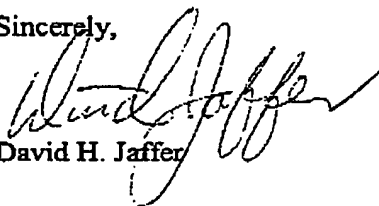
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F-922

Commissioner for Patents  
October 5, 2006  
Page 4

Please contact me as soon as possible so that we can arrange a date for the requested telephone interview.

Sincerely,



David H. Jaffer

DHJ:dld

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Pillsbury Winthrop Shaw Pittman LLP